

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001545**Date Inspected:** 08-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:****Quality Control Present:****Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:****Bridge No:** 34-0006**Component:** OBG and Tower Components**Bid Item:****Lot No:** B-278**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Inspection for Surface Preparation and/or Coating Application.

OBG Internal Ceiling Inspection Request No. 2470

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Segment 7CW OBG (Orthotropic Box Girder) Internal Ceiling from Panel Point (PP) 53, PP 54 and PP 55 (2 Sections) at Shanghai Zhenhua Port Machinery Co., Ltd., (ZPMC) at blasting workshop no. 1 for Surface Preparation prior to the application of Primer Coat.

Inspection Conclusions: Rejected by ABF QA's recommending grinding and re-blasting at few locations and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Ceiling Inspection Request No. 2471

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Segment 8BW OBG (Orthotropic Box Girder) Internal Entire Ceiling, OBG Internal Floor Beams and OBG Internal Entire Floor at Shanghai Zhenhua Port Machinery Co., Ltd., (ZPMC) at Painting Workshop no. 1 for Dry Film Thickness (DFT) measurement.

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Inspection Conclusions: Rejected by ABF QA's as Low and High DFT recorded and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Ceiling Inspection Request No. 2473

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Segment 7CW OBG (Orthotropic Box Girder) Internal Ceiling from Panel Point (PP) 53, PP 54 and PP 55 (2 Sections) at Shanghai Zhenhua Port Machinery Co., Ltd., (ZPMC) at blasting workshop no. 1 for Surface Preparation prior to the application of Primer Coat.

Inspection Conclusions: Accepted by ABF QA's after minor re-blasting and blowing down and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Ceiling Inspection Request No. 2474

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Segment 8BW OBG (Orthotropic Box Girder) Internal Entire Ceiling, OBG Internal Floor Beams and OBG Internal Entire Floor at Shanghai Zhenhua Port Machinery Co., Ltd., (ZPMC) at Painting Workshop no. 1 for Dry Film Thickness (DFT) measurement.

Inspection Conclusions: Rejected by ABF QA's as minor Touch up required/recommended and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Ceiling Inspection Request No. 2477

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Segment 8BW OBG (Orthotropic Box Girder) Internal Entire Ceiling, OBG Internal Floor Beams and OBG Internal Entire Floor at Shanghai Zhenhua Port Machinery Co., Ltd., (ZPMC) at Painting Workshop no. 1 for Dry Film Thickness (DFT) measurement.

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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Inspected By: Math,Manjunath

Quality Assurance Inspector

Reviewed By: Miller,Mark

QA Reviewer